



Joint Base Pearl Harbor-Hickam (JBPHH) Request for Information (RFI) Industry Day

14-15 May 2019



Industry Day Agenda



Date	Time	Description
14 May 2019	1030 - 1110	Sign-In, Sign Up for IPP One on One
	1115 – 1230	Welcoming Remarks; Industry Day Kickoff
	1230 – 1315	Break
	1315 – 1515	Site Tours
	1515 – 1630	Wrap up, Q&A, Next Steps
15 May 2019	0700 – 1330	Individual meetings with IPP, Building 55 Conference Room

Reminders:

- No picture taking
- No outside food or drinks allowed in the Hickam Officers Club
 - Wright Brothers Cafe and Grill located in the next building
- Please sign up for the 15 May individual IPP discussions



Colonel Douglas Pierce, USAF
Deputy Joint Base Commander
Joint Base Pearl Harbor-Hickam



Welcome to Industry Day



DOD faces near peer competitors in the Pacific, making Hawaii critical to maintaining freedom of the seas.

Resiliency Need: Department of Defense (DOD) is faced with near peer competitors in the Pacific, and key locations like Hawaii are critical to advancing the Navy and Air Force's mission.

JBPHH Enhanced Use Lease (EUL) to address critical energy security gaps and provide whole base resilience in the event of a grid outage.





Mr. John Kliem
Executive Director
Energy Security Program Office

Power Matters



“Anybody who has operated at sea or ashore knows that energy is absolutely critical to doing our job.”

- ADM John Richardson, Chief of Naval Operations



Model to Accelerate Delivery

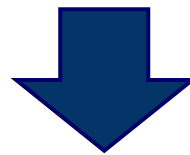


Vision

Deliver cost-effective and high-performing installation energy infrastructure to strengthen Department of the Navy warfighter superiority now and in the future

Mission

Provide energy security solutions that are reliable, resilient, and efficient energy by optimizing private capital and appropriated funds



Moving at the Speed of Industry/Pace of Relevance

Empower a dedicated project team to observe, orient, decide, and act at the speed of relevance, accelerating delivery beyond standard processes

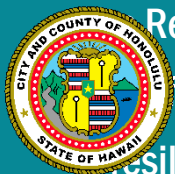


Mr. Joshua W. Stanbro
Chief Resilience Officer
Executive Director

Office of Climate Change,
Sustainability and Resiliency
City and County of Honolulu



Mandate from O'ahu Voters



Resilience Office is a Charter-mandated City
Office created to respond to climate change,
resilience, and other sustainability challenges.



Green
City Operations



Reduce Climate
Emissions & Impact



Promote Resilient
Communities



Coordinate with
Federal & State Agencies



Ensure Sustainable
City Plans & Policies



Facilitate Climate
Change Commission



RESILIENT OAHU's
4
DISCOVERY
AREAS

REMAINING ROOTED

ENSURING LONG-TERM AFFORDABILITY FOR ISLAND RESIDENTS

BOUNCING FORWARD

FOSTERING RESILIENCE IN THE FACE OF NATURAL DISASTER

ISLAND INNOVATION & EXPOSURE

TACKLING CLIMATE CHANGE BY REDUCING
EMISSIONS & ADAPTING TO IMPACTS

LAULIMA

LEVERAGING THE STRENGTH
& LEADERSHIP OF COMMUNITIES





Our Focus



**Uphold Paris
Climate Agreement**



**Improve City
Energy Performance**



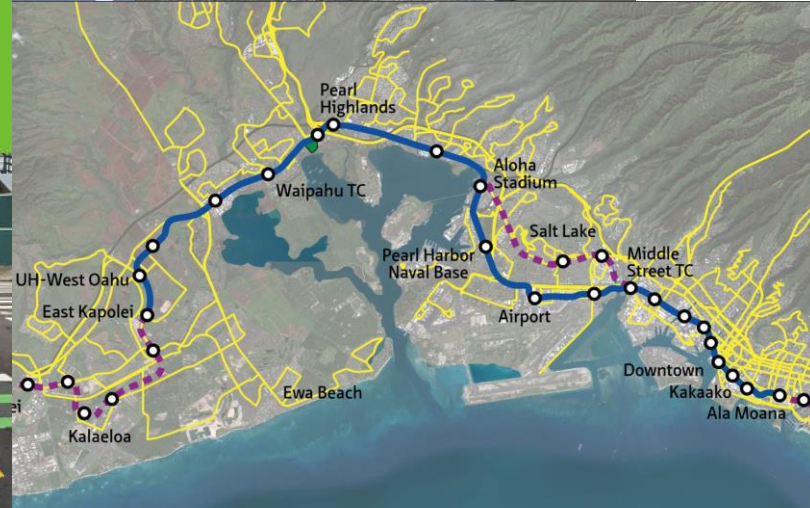
**Implement
Resilience Strategy**



Electrified Transportation



HONOLULU Protected Bike Lanes





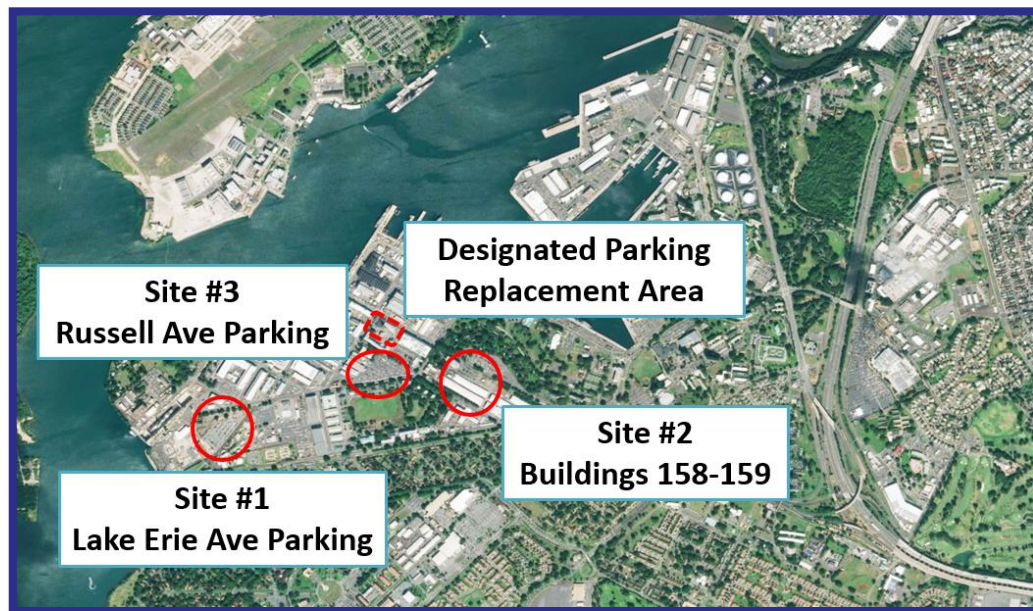
NAVFAC Hawaii Project Team



JBP HH Resilient Project Opportunity



- JBP HH has identified three (3) discrete parcels (Parcel 1: 8.83 acres, Parcel 2: 9.25 acres, Parcel 3: 7.9 acres) which meet the DON requirements for potential outlease of non-excess property for power generation and/or storage system.
- Property is currently encumbered by parking structures
- JBP HH Goals include:
 - Increased resilience to include improved power quality and whole base black start capable islanding during a regional grid outage, infrastructure upgrades/redundancy, controls and automation, etc.
 - Energy redundancy, dependability, diversity and security for mission critical assets
 - Continuous electrical power availability, employing access to both grid power and the generation asset, together with improvements to the installation's distribution infrastructure





JBP HH Requirements



Up to 100 MW in
on-site electricity
generation
capacity



Black start and
islanding
capabilities during
grid outage



Interconnection
infrastructure
upgrade

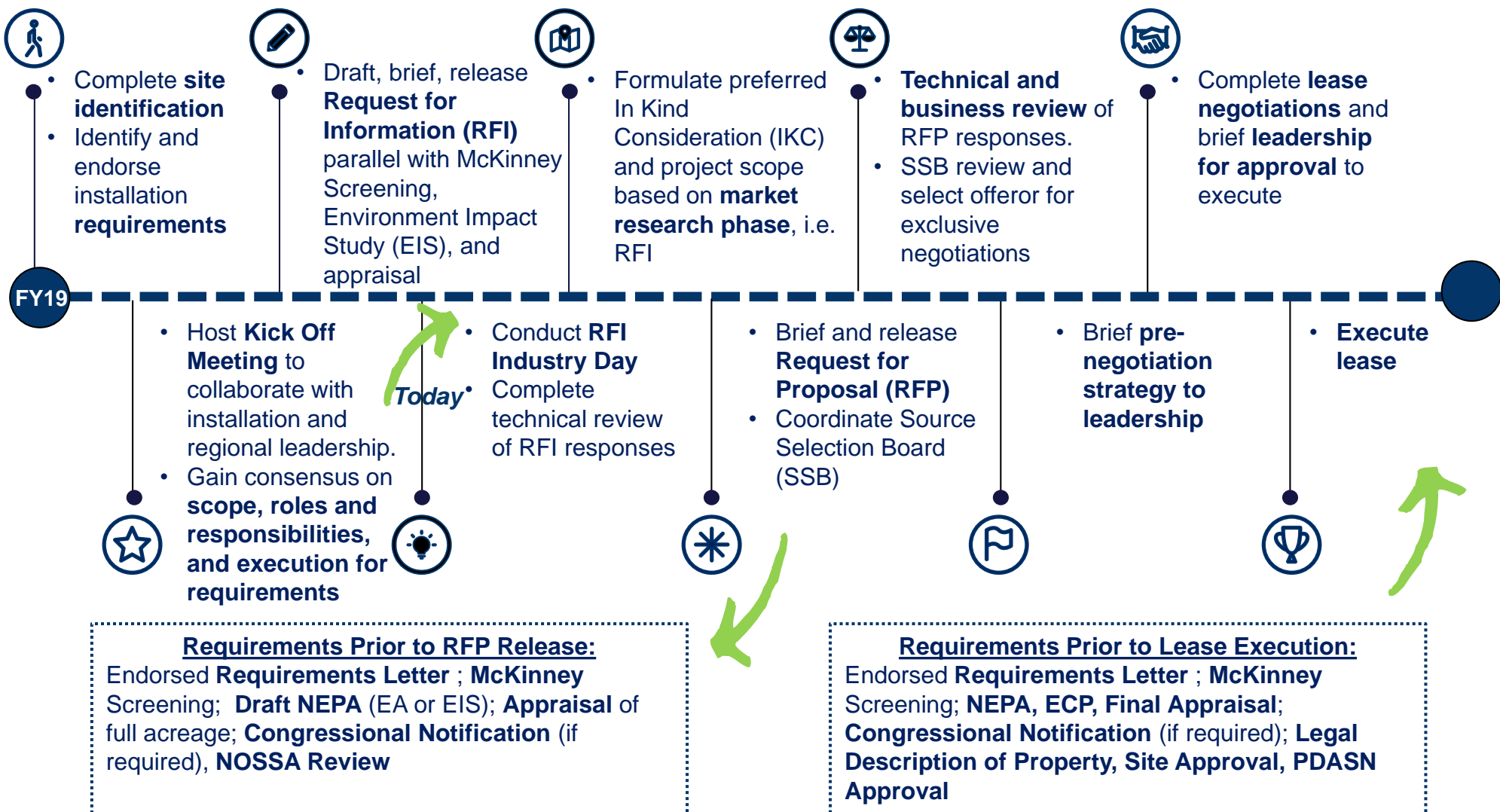


Power quality and
availability
improvement





Preliminary Project Timeline





Mr. Marc Asano
Director, Advanced T & D Planning
Transmission & Distribution Planning Department
Hawaiian Electric Company



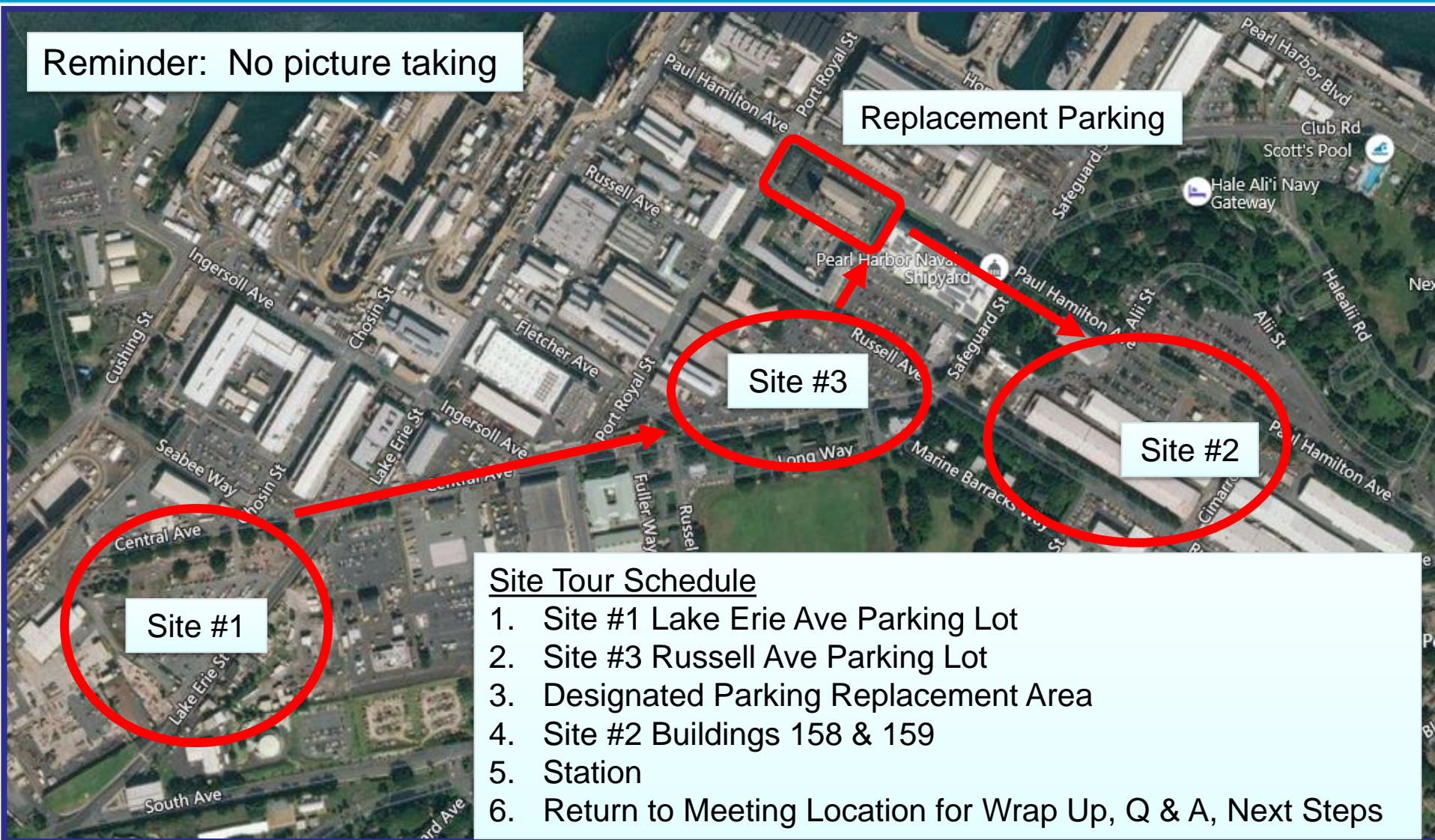
JBP HH Overview Map





Site Tours

Reminder: No picture taking



Site Tour Schedule

1. Site #1 Lake Erie Ave Parking Lot
2. Site #3 Russell Ave Parking Lot
3. Designated Parking Replacement Area
4. Site #2 Buildings 158 & 159
5. Station
6. Return to Meeting Location for Wrap Up, Q & A, Next Steps